LISTING OF THE CLAIMS, STATUS AND AMENDMENTS:

Please cancel claims 2-5, 9-10, 12-13, 16-19, 24-29 and 41-44.

Claim 1. (Currently Amended). An isolated or purified polynucleotide which encodes a human endosulfine ~~and complements thereof~~ wherein said polynucleotide comprises a sequence selected from the group consisting of:

(a) a polynucleotide of SEQ ID NO:1;

(b) a polynucleotide of SEQ ID NO:2;

(c) a polynucleotide comprising from about nucleotide position 107 to about nucleotide position 460 of SEQ ID NO:1;

(d) a polynucleotide comprising from about nucleotide position 107 to about nucleotide position 472 of SEQ ID NO:2;

(e) a polynucleotide encoding a polypeptide having the amino acid sequence of SEQ ID NO:3;

(f) a polynucleotide encoding a polypeptide having the amino acid sequence of SEQ ID NO:4; and

(g) a polynucleotide which is fully complementary to the polynucleotide of (a), (b), (c), (d), (e) or (f).

Claims 2-5. (Currently Canceled).

Claims 6-7. (Previously Canceled in Response to a Restriction Requirement).

Claim 8. (Original). A recombinant expression vector comprising the polynucleotide of Claim 1.

Claims 9-10. (Currently Canceled).

Claim 11. (Currently Amended). The recombinant expression vector of Claim 8 wherein the ~~vector portion of said~~ expression vector is selected from the group consisting of pProEx1 and pcDNA3.1.

Claims 12-13. (Currently Canceled).

Claim 14. (Original). A host cell transformed with the expression vector of Claim 8.

Claim 15. (Original). The host cell of Claim 14 wherein said host cell is a prokaryotic cell or eukaryotic cell.

Claims 16-19. (Currently canceled).

Claims 20-22 (Previously Canceled in Response to a Restriction Requirement).

Claim 23. (Currently Amended). A method for producing a polypeptide containing at least one human endosulfine epitope comprising incubating host cells transformed with an expression vector wherein said expression vector comprises a polynucleotide sequence which encodes a human endosulfine, and producing said polypeptide, wherein said polynucleotide sequence comprises a sequence selected from the group consisting of:

(a) a polynucleotide of SEQ ID NO:1;

(b) a polynucleotide of SEQ ID NO:2;

(c) a polynucleotide comprising from about nucleotide position 107 to about nucleotide position 460 of SEQ ID NO:1;

(d) a polynucleotide comprising from about nucleotide position 107 to about nucleotide position 472 of SEQ ID NO:2;

(e) a polynucleotide encoding the polypeptide having the amino acid sequence of SEQ ID NO:3;

(f) a polynucleotide encoding the polypeptide having the amino acid sequence of SEQ ID NO:4; and

(g) a polynucleotide which is fully complementary to the polynucleotide of (a), (b), (c), (d), (e) or (f).

Claims 24-29. (Currently canceled).

Claims 30-40 (Previously Canceled in Response to a Restriction Requirement).

Claims 41-44. (Currently canceled).